

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	((("6226416") or ("6042483") or ("5471383") or ("5479008")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 08:34
S2	10	("4752828"   "4759076"   "4987299"   "5287626"   "5479008"   "5568250").PN. OR ("6226416").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:07
S3	13	("5446798"   "5471383"   "5724447"   "5815158"   "5833552"   "6042483"   "6135898"   "6226416"   "6295069"   "6301372"   "6327380"   "6579190"   "6795113").PN. OR ("7062082").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:08
S4	53	("3513707"   "4136387"   "4158853"   "4695888"   "4695891"   "4713686"   "5101268"   "5111410"   "5210603").PN. OR ("5471383").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:15
S5	46	("3091466"   "3508440"   "3598976"   "4063259"   "4086630"   "4136387"   "4158853"   "4160942"   "4278095"   "4545576"   "4751642"   "4767121"   "4858934"   "4915384"   "4919536"   "5229849"   "5235513"   "5290037"   "5342054"   "5354063"   "5393974"   "5398936"   "5401018"   "5401026"   "5413345"   "5443260"   "5471383").PN. OR ("5768151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:23
S6	13	("3996590"   "4893182"   "5287446"   "5764283"   "5768151"   "5781505"   "5923365"   "5969755"   "6144375"   "6215505"   "6366296"   "H001506").PN. OR ("6833849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:46
S8	25	((("5446798") or ("5724447") or ("6301372") or ("6295069") or ("6327380") or ("5815158") or ("6315589") or ("6579190") or ("6795113") or ("5833552") or ("6315898") or ("6579190") or ("6795113")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:41

## EAST Search History

S9	33	((("5446798") or ("5724447") or ("6301372") or ("6295069") or ("6327380") or ("5815158") or ("6315589") or ("6579190") or ("6795113") or ("5833552") or ("6315898") or ("6579190") or ("6795113") or ("5471383") or ("6042483") or ("6135898") or ("6226416") or ("6295069") or ("6301372"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:46
S11	7	("4893183"   "5227985"   "5699444"   "5850469"   "5917937"   "5991437").PN. OR ("6301372").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 09:50
S18	5	("20040037165"   "3868565"   "4354315"   "6671650").PN. OR ("6922653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 10:25
S19	33	("5259037"   "5432712"   "5566246"   "5606627"   "5699444").PN. OR ("5850469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:01
S20	6	("4893183"   "5227985"   "5699444"   "5850469"   "5917937"   "5991437").PN. OR ("6201882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:06
S21	3566	382/103,106,107,151,294,293.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:09
S22	4308	382/103,106,107,151,294,293,288,289,291.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:09
S23	721	(sphere or golf adj ball) same (image or photograph) same coordinate	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:11
S24	306282	(markers or mark)same photographing or ccd or imaging	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:12
S25	1036752	(markers or mark)same photog\$4 or ccd or imag\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:13
S26	28	S22 and S23 and S24 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:23
S29	0	jp07286837	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:24
S30	3	10-186474	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:26

## EAST Search History

S31	1	07-286837	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:26
S32	14	("5111410"   "5471383"   "5575719"   "5792000"   "5803823"   "5906547"   "5926780"   "6041651"   "6042483"   "6192323"   "6286364").PN. OR ("6579190"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:26
S33	11	("5111410"   "5471383"   "5575719"   "5792000"   "5803823"   "5906547"   "5926780"   "6041651"   "6042483"   "6192323"   "6286364").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 13:29
S34	8	((("6226416") or ("6042483") or ("5471383") or ("5479008")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 11:10
S35	10	("4752828"   "4759076"   "4987299"   "5287626"   "5479008"   "5568250").PN. OR ("6226416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 11:10
S37	19	(genetic adj algorithm) near5 (optimiz\$5 and probab\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 14:11
S38	1447	(genetic adj algorithm) near5 (optimiz\$5 or probab\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:38
S39	48789	rotation\$2 and sphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:11
S40	27	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 14:12

## EAST Search History

S41	319434	rotation\$2 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:22
S42	23	S38 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:12
S43	24	("3582176"   "3677634"   "4339168"   "4436474"   "4576475"   "5113064"   "5198914"   "5461455"   "5574537"   "5589955"   "5686230"   "5815247"   "5835195"   "5949557"   "5955776").PN. OR ("6097472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:17
S44	0	S38 and S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:17
S45	12836	rotation\$2 and golf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:30
S46	949	S39 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:23
S47	801	rotational adj characteristics	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:24
S48	2	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:23

## EAST Search History

S49	18564	measur\$3 adj characteristics	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:24
S50	7	S46 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:24
S51	13	("4775948"   "5526326"   "5564698"   "5592401"   "5761096"   "5779576").PN. OR ("6157898"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:29
S52	0	S38 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:29
S53	576170	rotation\$2 and circular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:31
S54	53	S38 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:31
S55	1270	(genetic adj algorithm) and (golf or ball or sphere or circular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 16:00
S56	25	S49 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 15:39
S57	58	(genetic adj algorithm) and (golf or ball or sphere or circular) and posture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:10

## EAST Search History

S58	24	("3582176"   "3677634"   "4339168"   "4436474"   "4576475"   "5113064"   "5198914"   "5461455"   "5574537"   "5589955"   "5686230"   "5815247"   "5835195"   "5949557"   "5955776").PN. OR ("6097472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:59
S59	788	four adj marks	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 16:01
S60	0	S55 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 16:01
S61	0	S57 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 16:01
S65	0	(genetic adj alorithm) and align\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:06
S66	0	(genetic adj alorithm) same (align\$4 and optimiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:06
S67	0	(genetic adj alorithm) near3 (align\$4 and optimiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:06
S68	0	(genetic adj alorithm) near3 (optimiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:07

## EAST Search History

S69	0	(genetic adj alorithm) same (optimiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:07
S70	0	(genetic adj alorithm) same (optimization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:07
S71	1	(genetic adj alorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:08
S72	1	(genetic adj alorithm) (optimization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/14 10:09
S73	1	(genetic adj alorithm) ( optimization or displacement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/14 10:09
S75	313	(genetic adj algorithm) and (golf or ball or sphere or circular) and displacement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:19
S76	4	(genetic adj algorithm) and (golf or ball or sphere or circular) and (posture adj displacement)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:21
S77	3	(genetic adj algorithm) and (rotational adj measurements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:23

## EAST Search History

S78	2345	(genetic adj algorithm) and (measurements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:23
S79	9	(genetic adj algorithm) near2 (measurements)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:24
S81	5	(genetic adj algorithm) near2 (coordinates)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:27
S82	4	(genetic adj algorithm) and (reference adj position) and (reference adj posture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:28
S83	79	(genetic adj algorithm) and position and posture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:52
S84	10540	((optimization or genetic)adj algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:53
S85	690	((optimization and genetic)adj algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:56
S86	690	((optimization and genetic) adj algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:53

## EAST Search History

S87	721	(spher\$4 or round or golf or ball) same (align\$4 adj marks)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:55
S88	0	S86 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:55
S89	317	((optimization and genetic) adj algorithm) and (marks or spher\$4 or round or ball or golf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:56

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	((MITSUNORI) near2 (MIKI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 07:58
L2	33	((MASAHIKO) near2 (UEDA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 07:59
L3	263	((MASAHIKO) near2 (UEDA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 07:59
L4	32	((MASAHIDE) near2 (ONUKE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 08:12
L5	133	((MASAHIDE) near2 (ONUKE)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 08:12